MAY STREET RECONSTRUCTION

Project Feasibility Report
City Project Number 10276

DECEMBER 10, 2015



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II. CERTIFICATION PAGE

CERTIFICATION

I hereby certify that this report was prepared by me or under my direct supervision and that I am a duly registered professional engineer under the laws of the state of Minnesota.

Michael J. McCarty, PE
Reg. No. 45505

Date

III. PROJECT CONTACTS

TITLE	NAME	PHONE	EMAIL
Mayor	Eric Anderson	507.386.1750	eanderson@ mankatomn.gov
Councilor at Large	Christopher Frederick	507.382.7299	cfrederick@ mankatomn.gov
Councilor Ward 1	Karen Foreman	507.382.4256	kforeman@ mankatomn.gov
Councilor Ward 2	Tamra Rovney	507.388.3326	trovney@ mankatomn.gov
Councilor Ward 3	Mark Frost	507.387.3169	mfrost@ mankatomn.gov
Councilor Ward 4	Jason Mattick	507.720.8787	jmattick@ mankatomn.gov
Councilor Ward 5	Trudy Kunkel	507.317.6990	tkunkel@mankatomn.gov
City Manager	Patrick Hentges	507.387.8695	phentges@ mankatomn.gov
City Engineer	Jeffrey Johnson	507.387.8640	jjohnson@ mankatomn.gov
Quality Assurance Manager	Michael McCarty	507.387.8643	mmccarty@mankatomn.gov
Project Operations	Jim Tatge	507.387.8504	jtatge@ mankatomn.gov
Project Designer	Lucas Pederson	507.387.8541	Ipederson@mankatomn.gov
Project Representative	Dylan Koch	507.387.8787	dkoch@mankatomn.gov

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IV. EXECUTIVE SUMMARY

May Street was originally constructed in 1916. Watermain installations in 1937, 1963, and 1983 throughout the May Street corridor included resurfacing of the street.

Suggested improvements include grading and aggregate base, bituminous surfacing, watermain, sanitary sewer, sewer and water services, storm drain, curb and gutter, and concrete sidewalks.

The estimated cost of these necessary improvements is approximately \$1,066,861.50.

From an engineering standpoint, the proposed improvements are necessary, cost effective, and feasible. This can best be accomplished by letting competitive bids for the work. It is recommended that the council accept this project feasibility report and schedule a preliminary assessment hearing for the proposed improvements.

V. PROJECT INTRODUCTION

The recommended pavement and utility improvements of May Street between the centerline of North Riverfront Drive and the centerline of North 6th Street/Thompson Ravine Road are being proposed for the summer of 2016. In accordance with Minnesota Statutes, Chapter 429, the City Council has authorized the preparation of a project feasibility report to define the scope and determine the reasonableness of the project. The specific objectives of this preliminary engineering report are to:

- Evaluate the need for this project.
- Determine the necessary improvements.
- Provide information on the estimated costs for the proposed project.
- Determine the project schedule.
- Determine the feasibility of the proposed project.

This project, as proposed, is 1740 feet and covers 5 city blocks. Specific items that will be included in the construction are as follows:

- Grading and aggregate base
- Bituminous Surfacing
- Watermain
- Sanitary Sewer
- Sewer and Water Services
- Storm Drain
- Concrete Curb and Gutter
- Concrete Sidewalks

VI. EXISTING CONDITIONS

A. STREET

The average PCI rating for the May Street corridor is 41, and with the lack of curb and gutter the existing pavement is considered to be in poor condition. The existing width of the street is 30 feet and is constructed of bituminous. The original concrete curb and gutter is in very poor condition and is missing throughout the entire project area. The existing street layout for May Street is located in Figure 1 in the Appendix.

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The existing soils that are present throughout the project site are considered loamy clay.

B. STORM SEWER

Storm drain is present throughout the entire project. Storm drains are present at the intersections of May Street and N.Riverfront Drive, N. Broad Street, N. 4th Street, N. 5th Street and N. 6th Street. These systems were installed between 1988 and 2006 and are constructed of 12 inch reinforced concrete at N. Riverfront Drive, N. Broad Street, and N. 4th Street. Storm Drain at the intersection of N. 5th Street is constructed of 12 inch vitrified clay. Storm Drain installed at the intersection of N. 6th Street is constructed of 15 inch HDPE. The existing condition of in place storm drains are considered to be fair and are expected to be replaced due to the modification of drainage patterns. The existing storm water drainage system for the surrounding area is located in Figure 2 in the Appendix with the storm system shown in green.

C. SANITARY SEWER

There are no sanitary sewers running down May Street but there are crossings at N. 2nd Street, N. Broad Street, N. 4th Street, and N. 5th Street. Sanitary sewers crossing May Street at N. Broad Street and N. 4th Street are constructed of 8 inch to 12 inch PVC and are considered to be in good condition. Sanitary Sewers crossings at N. 2nd Street and N. 5th Street are constructed of 8 inch vitrified clay and are in fair to poor condition. The existing sanitary sewer system for May Street is located in Figure 3 in the Appendix with the sanitary system shown in brown.

D. WATERMAIN

Watermains are present for the entire length of the project. The existing watermain present on May Street between N. Riverfront Drive and N. 5th Street is 6 inch and is constructed of cast iron and was installed between 1916 and 1937. There is also a 12 inch watermain present on May Street between N. 4th Street and N. 6th Street and is constructed of cast iron and ductile iron. The overall condition of the watermains throughout the project is considered to be fair to poor. The existing domestic water distribution system for May Street is located in Figure 3 in the Appendix with the domestic water distribution system shown in blue.

E. OTHER UTILITIES

Other non-municipal-owned utilities may be present in the right-of-way. These include natural gas, electric, and telecommunications. The condition of these utilities is unknown and their replacement is beyond the scope of this report.

VII. PROPOSED IMPROVEMENTS

A. STREET

Street surface improvements are expected to take place on May Street between N. Riverfront Drive and N. 6th Street/Thompson Ravine Road. The new street surface is proposed to be 30 feet wide and will be constructed of bituminous. The proposed street cross section and pavement section are located in Figures 4 in the Appendix.

Any temporary damages that occur to the boulevard during construction will be repaired after the project with sod in all of the disturbed areas. Trees, bushes, and other vegetation located in the construction zone will be protected where possible; however, some trees and bushes may need to be removed as part of construction due to direct conflict with the proposed utilities or due to unavoidable root damage.

B. STORM SEWER

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New storm drains will be constructed at the intersections of May Street and N. Riverfront Drive, N. Broad Street, N. 4th Street, and N. 5th Street. Locations and sizes of new storm drains will be dictated by the proposed drainage plan. The new storm drain will be constructed of reinforced concrete pipe.

C. SANITARY SEWER

Sanitary sewers and manholes will be replaced at the intersections of May Street and N. 2nd Street and N. 5th Street to the project limits of the side streets. The existing 8 inch vitrified clay sewers will be replaced with 8 inch PVC. New sanitary manholes will be constructed of 48 inch precast concrete.

D. WATERMAIN

Existing 6 inch and 12 inch watermains will be removed and replaced with 8 inch PVC. Sections of dual watermain on May Street between N. 4th Street and N. 6th Street will be consolidated to one 8 inch PVC watermain.

E. OTHER UTILITIES

The design of the proposed improvements will be coordinated with the owners of private utilities such as natural gas, electric, telephone, and cable television. A design coordination meeting will be held with all private utility companies to identify those utilities that are in conflict with the proposed improvements. Private utility companies will be requested to submit proposed designs and construction schedules for any relocation. The construction schedule for the proposed improvements will be coordinated with the utility relocation schedule to avoid unnecessary delays.

VIII. RIGHT-OF-WAY AND EASEMENT

No right of way will have to be acquired to complete this project. Project limits will be confined to existing right of way areas.

IX. APPROVALS/PERMITS

Approvals and permits are required from various agencies for the construction of the project. They include:

- Minnesota Department of Health Watermain Extension
- MPCA Construction Stormwater
- City of Mankato Land Disturbance

X. PROJECT COST ESTIMATE AND FINANCING

Estimated projections for the cost of this project are summarized below. A detailed cost estimate is included at the end of the report.

ITEM	COST
Street	\$550,022.56
Storm Water	\$83,442.94
Watermain	\$202,058.20
Sanitary Sewer	\$574.64
Construction Contingency	\$83,609.84
TOTAL CONSTRUCTION	\$919,708.19
Admin/bonding	\$55,182.49
Engineering	\$91,970.82
TOTAL PROJECT COST	\$1,066,861.50

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Funding for the proposed improvements is shown in the table below.

FUNDING SOURCE	AMOUNT	PERCENT
Special Assessments	\$210,044.00	20%
ATP Funding	\$753,465.00	71%
G.O. Bonding	\$0.00	0%
Water Utility	\$79,334.91	7%
Sewer Utility	\$574.64	0%
Storm Utility	\$23,442.94	2%
TOTAL FUNDS	\$1,066,861.50	100%

XI. POSSIBLE SCHEDULE

The following is a possible schedule for the proposed improvements on May Street:

12/10/2015	INFORMATIONAL MEETING
1/11/2016	FEASIBILITY HEARING
2/8/2016	PRELIMINARY ASSESSMENT HEARING
2/8/2016	ADVERTISE FOR BIDS
3/11/2016	BID OPENING
3/21/2016	AWARD BID
4/18/2016	BEGIN CONSTRUCTION
8/18/2016	FINAL COMPLETION
11/13/2017	FINAL ASSESSMENTS

XII. CONCLUSION AND RECOMMENDATIONS

The existing conditions of May Street are unfavorable with only further deteriorations to come. If these road and utility improvements are not made, maintenance costs will continue to be an issue and failure of the road and system will occur. From an engineering standpoint, this project is cost effective, necessary, and feasible. The best way to accomplish this project is by letting competitive bids for the work. Feasibility is contingent upon City Council findings with respect to project financing.

We recommend the Council accept this project feasibility report, set a date for the preliminary assessment hearing, order the City Engineer to prepare final plans and specifications and instruct the City Manager to advertise for bids in accordance with the requirement of law.

XIII. **APPENDIX**

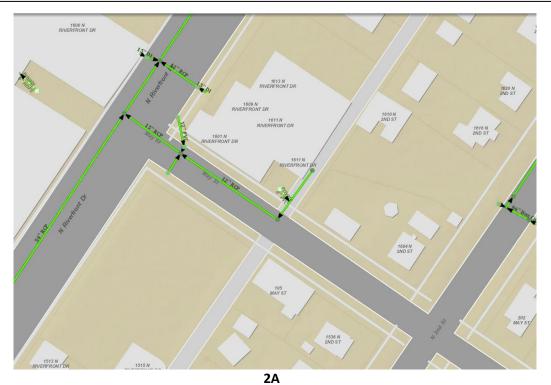
A. FIGURE 1: EXISTING LAYOUT OF MAY STREET

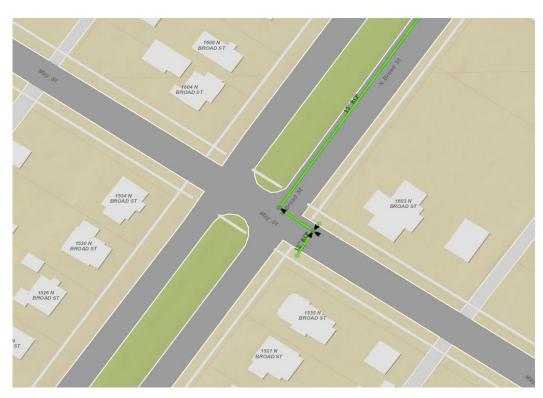




1B

B. FIGURE 2: MAY STREET EXISTING STORM SEWER LAYOUT







2C

C. FIGURE 3: MAY STREET EXISTING SANITARY SEWER AND WATERMAIN LAYOUT



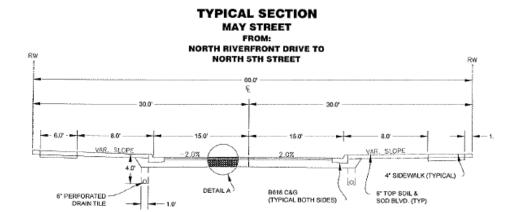


3B

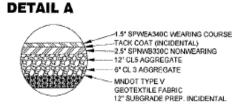




D. FIGURE 4: MAY STREET PROPOSED STREET CROSS SECTION AND PAVEMENT SECTION



TYPICAL SECTION MAY STREET FROM: NORTH 5TH STREET TO NORTH 6TH STREET RW 30.0' 30.0' 4.0' VAR. SLOPE PERFORATED DRAIN TILE 1.0' DETAIL A Boile C&G (TYPICAL BOTH SIDES) SOD BLVD. (TYP)



E. ENGINEERS ESTIMATE

CITY PROJECT NUMBER 10276 MAY STREET RECONSTRUCTION ENGINEERS ESTIMATE							
CONTRACT ITEM	UNIT	EST QTY	BID UNIT PRICE	BID PRICE			
MOBILIZATION	LS	1.00	\$39,814.21	\$39,814.21			
CLEARING (6" TO 18")	TREE	2.00	\$292.64	\$585.27			
CLEARING (18" TO 30")	TREE	2.00	\$519.51	\$1,039.02			
CLEARING (GREATER THAN 30")	TREE	2.00	\$561.98	\$1,123.96			
GRUBBING (6" TO 18")	TREE	2.00	\$204.49	\$408.98			
GRUBBING (18" TO 30")	TREE	2.00	\$174.35	\$348.71			
GRUBBING (GREATER THAN 30")	TREE	2.00	\$481.41	\$962.83			
REMOVE CURB AND GUTTER	LF	3460.00	\$3.94	\$13,623.75			
REMOVE SEWER PIPE (STORM)	LF	263.00	\$8.68	\$2,283.76			
REMOVE WATER MAIN	LF	2451.00	\$4.61	\$11,297.88			
REMOVE CONCRETE SIDEWALK	SF	18110.00	\$1.40	\$25,290.62			
REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SY	55.00	\$4.63	\$254.68			
REMOVE CONCRETE DRIVEWAY PAVEMENT	SY	220.00	\$7.36	\$1,619.31			
REMOVE CATCH BASIN	EA	5.00	\$292.48	\$1,462.39			
REMOVE MANHOLE	EA	4.00	\$422.56	\$1,690.25			
REMOVE GATE VALVE & BOX	EA	16.00	\$220.57	\$3,529.18			
REMOVE HYDRANT	EA	4.00	\$310.89	\$1,243.58			
REMOVE CONCRETE STEPS	EA	5.00	\$490.00	\$2,450.02			
SAWING CONCRETE PAVEMENT	LF	120.00	\$4.99	\$598.50			
SAWCUT BITUMINOUS PAVEMENT	LF	414.00	\$3.58	\$1,482.33			
COMMON EXCAVATION (P)(EV)	CY	2595.00	\$10.57	\$27,438.23			
STABILIZING AGGREGATE 0"-4" (CV)	CY	100.00	\$36.27	\$3,626.70			
GEOTEXTILE FABRIC TYPE V	SY	5190.00	\$1.42	\$7,356.83			
COMMON LABORERS	HR	30.00	\$57.75	\$1,732.50			
DOZER	HR	5.00	\$108.78	\$543.90			
TAMPING ROLLER	HR	5.00	\$92.05	\$460.27			
CRAWLER MOUNTED BACKHOE	HR	5.00	\$135.85	\$679.25			
SKID LOADER	HR	5.00	\$92.05	\$460.27			
STREET SWEEPER (WITH PICKUP BROOM)	HR	10.00	\$105.63	\$1,056.30			
AGGREGATE BASE (CV) (P), CLASS 3	CY	865.00	\$21.32	\$18,437.48			
AGGREGATE BASE (CV) (P), CLASS 5	CY	1153.33	\$24.14	\$27,840.89			
BITUMINOUS PATCH SPECIAL	SY	55.00	\$40.16	\$2,208.94			
TYPE SP 12.5 WEAR CRS MIX (3,C) 1.5" THICK	SY	5190.00	\$10.68	\$55,421.42			
TYPE SP 19.0 NON WEAR CRS MIX (3,B) 2.5" THICK	SY	5190.00	\$10.09	\$52,369.70			
CONCRETE STEP	EA	5.00	\$337.05	\$1,685.25			

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1" CURB STOP & BOX EA 21.00 \$268.66 \$5,641.93 1" WATER SERVICE LF 630.00 \$17.88 \$11,265.35 8" PVC WATERMAIN LF 1880.00 \$32.68 \$61,430.88 12" PVC WATERMAIN LF 571.00 \$52.78 \$30,139.38 WATERMAIN FITTINGS LBS 1100.00 \$8.55 \$9,401.70 CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020 LF 21.00 \$324.07 \$6,805.51 CONSTRUCT DRAINAGE STRUCTURE MANKATO EA 5.00 \$2,006.34 \$10,031.70 CASTING ASSEMBLY, MIDOT 700-7 W/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$42.006.34 \$10,031.70 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 4.00 \$143.66 \$574.64 4"CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE WALK SF 18110.00 \$5.16				\$3,836.52	\$15,346.09
1" WATER SERVICE LF 630.00 \$17.88 \$11,265.35 8" PVC WATERMAIN LF 1880.00 \$32.68 \$61,430.88 12" PVC WATERMAIN LF 571.00 \$52.78 \$30,139.38 WATERMAIN FITTINGS LBS 1100.00 \$8.55 \$9,401.70 CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020 LF 21.00 \$324.07 \$6,805.51 CONSTRUCT DRAINAGE STRUCTURE MANKATO STD. 3 EA 5.00 \$2,006.34 \$10,031.70 CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$51.6 \$93,366.11 CONCRETE WALK SF 18110.00 \$51.6 \$93,366.11 CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70	1" CORPORATION STOP	EA	21.00	\$245.11	\$5,147.35
8" PVC WATERMAIN LF 1880.00 \$32.68 \$61,430.88 12" PVC WATERMAIN LF 571.00 \$52.78 \$30,139.38 WATERMAIN FITTINGS LBS 1100.00 \$8.55 \$9,401.70 CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020 LF 21.00 \$324.07 \$6,805.51 CONSTRUCT DRAINAGE STRUCTURE MANKATO EA 5.00 \$2,006.34 \$10,031.70 CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRAFFIC CONTROL LS 1.00 \$43.49 \$	1" CURB STOP & BOX	EA	21.00	\$268.66	\$5,641.93
12" PVC WATERMAIN	1" WATER SERVICE	LF	630.00	\$17.88	\$11,265.35
WATERMAIN FITTINGS LBS 1100.00 \$8.55 \$9,401.70 CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020 LF 21.00 \$324.07 \$6,805.51 CONSTRUCT DRAINAGE STRUCTURE MANKATO STD. 3 EA 5.00 \$2,006.34 \$10,031.70 CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00	8" PVC WATERMAIN	LF	1880.00	\$32.68	\$61,430.88
CONSTRUCT DRAINAGE STRUCTURE DESIGN 48- 4020	12" PVC WATERMAIN	LF	571.00	\$52.78	\$30,139.38
LF 21.00 \$324.07 \$6,805.51	WATERMAIN FITTINGS	LBS	1100.00	\$8.55	\$9,401.70
CONSTRUCT DRAINAGE STRUCTURE MANKATO STD. 3 CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$661.68 \$3,208.38	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-				
STD. 3 EA 5.00 \$2,006.34 \$10,031.70 CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 <td></td> <td>LF</td> <td>21.00</td> <td>\$324.07</td> <td>\$6,805.51</td>		LF	21.00	\$324.07	\$6,805.51
CASTING ASSEMBLY, MnDOT 700-7 w/715 COVER EA 4.00 \$641.22 \$2,564.90 CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$			5.00	# 0.000.04	# 40.004.70
CASTING ASSEMBLY, NEENAH R3067 W/V GRATE EA 5.00 \$842.63 \$4,213.13 MANHOLE INSERTS EA 4.00 \$143.66 \$574.64 4" CONCRETE WALK SF 18110.00 \$5.16 \$93,366.11 CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83		1	+		
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CONCRETE CURB & GUTTER DESIGN B618 LF 3460.00 \$17.26 \$59,726.52 6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38					•
6" CONCRETE DRIVEWAY PAVEMENT SY 220.00 \$52.37 \$11,522.28 8" CONCRETE DRIVEWAY PAVEMENT SY 30.00 \$69.09 \$2,072.70 TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38			18110.00		
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TRUNCATED DOMES SF 272.00 \$43.49 \$11,829.55 TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38			+	\$52.37	\$11,522.28
TRAFFIC CONTROL LS 1.00 \$4,961.53 \$4,961.53 DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK TREE 32.00 \$285.81 \$9,145.92 STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38		1	30.00		
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STORM DRAIN INLET PROTECTION EA 10.00 \$157.48 \$1,574.79 STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	TRAFFIC CONTROL	LS	1.00	\$4,961.53	\$4,961.53
STABILIZED CONSTRUCTION EXIT EA 2.00 \$1,299.95 \$2,599.91 PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	DECIDUOUS TREE 2" CAL B&B - BICOLOR OAK	TREE	32.00	\$285.81	\$9,145.92
PERIMETER PROTECTION LF 200.00 \$3.18 \$636.30 COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	STORM DRAIN INLET PROTECTION	EA	10.00	\$157.48	\$1,574.79
COMMON TOPSOIL BORROW (LV) CY 1057.22 \$20.50 \$21,668.83 SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	STABILIZED CONSTRUCTION EXIT	EA	2.00	\$1,299.95	\$2,599.91
SODDING TYPE SALT TOLERANT SY 6343.33 \$6.05 \$38,364.48 RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	PERIMETER PROTECTION	LF	200.00	\$3.18	\$636.30
RAPID STABILIZATION METHOD 3 MGAL 5.00 \$641.68 \$3,208.38	COMMON TOPSOIL BORROW (LV)	CY	1057.22	\$20.50	\$21,668.83
	SODDING TYPE SALT TOLERANT	SY	6343.33	\$6.05	\$38,364.48
TOTAL \$836,098.35	RAPID STABILIZATION METHOD 3	MGAL	5.00	\$641.68	\$3,208.38
				TOTAL	\$836,098.35

MAY STREET RECONSTRUCTION City Project Number 10276 City Of Mankato

F. PRELIMINARY ASSESSMENT ROLL

May Street

Preliminary Assessment Roll City Project Number 10276

CC= Denotes Corner Credit Applied; SB= Denotes Setback; REAR=Denotes Rearage; R=Residential; NR=Nonresidential; CE%=Common Element Percent Frontage Charge Driveway Sewer & Nonresidential Residential Approach @ Water Total Property Parcel Number / **Property** Front Cost/ft Cost/ft \$76.00 Services @ Estimated \$100.00 \$150.00 \$2,628.00 Owner / Address Description Class Feet Assessment \$ 9,628.00 01.09.05.355.015 **Dukes Second Addition** R 70.00 \$7,000.00 \$ \$2,628.00 John H Nelson Part of Lot 11 & All of 150.00 0.00 1604 N Second St Lot 10. Block 20 CC= SY Mankato, MN 56001 Sub Outlots Of Dukes 2nd \$ 2,782.36 01.09.05.356.001 Add NR 130.00 \$19,500.00 \$2,628.00 \$24,910.36 Ruby Development Inc Lots 7-11, Block 19 36.61 200 W Ruby St (1515 N Riverfront Dr) SY Mankato, MN 56001 Sub Outlots Of Dukes 2nd 01.09.05.356.012 Add NR 66.50 \$9,975.00 \$ \$2,628.00 \$12,603.00 Robert W Kelley Ex E 83.5' of Lot 12 0.00 105 May St Block 19 SY Mankato, MN 56001 Sub Outlots Of Dukes 2nd R \$ 01.09.05.356.013 Add 27.83 \$2,783.33 \$2.628.00 \$ 5,411.33 Timothy & Jill Ites E 83.5' of Lot 12 83.50 0.00 1536 N Second St Block 19 CC= SY Mankato, MN 56001

01.09.05.358.007 Curtis A Hansen 202 May St Mankato, MN 56001	Dukes Second Add Corr Blk 26 W 50' of Lots 7-9 Block 26	R	50.00	\$5,000.00		\$ - 0.00 SY	\$2,628.00	\$ 7,628.00
01.09.05.358.008 Judith J Headington 208 May St Mankato, MN 56001	Dukes Second Add Corr Blk 26 E 100' of Lots 7-9 Block 26	R	100.00	\$10,000.00		\$ - 0.00 SY	\$2,628.00	\$12,628.00
01.09.05.358.015 Jeffrey S Bodnar 1604 N Broad St Mankato, MN 56001	Dukes Second Add Corr Blk 26 Lot 10, Block 26	R	33.40	\$3,340.00		\$ - 0.00 SY	\$2,628.00	\$ 5,968.00
01.09.05.360.001 Eric R Lee 1533 N Second St Mankato, MN 56001	Dukes Second Addition W2 of Lot 1, Block 27	R	25.00 75.00 CC=	\$2,500.00		\$ 1,780.68 23.43 SY	\$2,628.00	\$ 6,908.68
01.09.05.360.002 Jimmy L Kight 207 May St Mankato, MN 56001	Dukes Second Addition Lot 1, Block 27 Exc W 75' along May St.	R	41.00	\$4,100.00		\$ - 0.00 SY	\$2,628.00	\$ 6,728.00
01.09.05.361.002 Finn Co LLC 18503 587th Ave Mankato, MN 56001	CIC 61 North Riverfront Plaza Unit 1 & 37.5% int in CE (1613 N Riverfront Dr)	NR	13.88 37.00 CE%		\$2,081.25	\$ - 0.00 SY	\$2,628.00	\$ 4,709.25
01.09.05.361.003 Finn Co LLC 18503 587th Ave Mankato, MN 56001	CIC 61 North Riverfront Plaza Unit 2A & 22.67% int in CE (No Address)	NR	8.39 37.00		\$1,258.19	\$ - 0.00 SY	\$2,628.00	\$ 3,886.19

01.09.05.361.005	CIC 61 North Riverfront Plaza	NR	6.41		\$961.82	\$ -	\$2,628.00	\$ 3,589.82
Finn Co LLC	Unit 2T & 17.33% int in CE		37.00			0.00		
18503 587th Ave	(No Address)		CE%			SY		
Mankato, MN 56001								
01.09.05.361.006	CIC 61 North Riverfront Plaza	NR	101.33		\$15,198.75	\$ -	\$2,628.00	\$17,826.75
JJACL LLC	Unit 3 & 22.5% Int in CE		93.00			0.00		
1613 N Riverfront Dr, Unit 3	(1613 N Riverfront Dr)		37.00			SY		
Mankato, MN 56001			CE%					
01.09.08.103.004	Dukes Addition	R	34.00	\$3,400.00		\$ -	\$2,628.00	\$ 6,028.00
Jimmy L Kight	E 75' of Lot 1, Block 4					0.00		
207 May St	Along S line of Lot 1					SY		
Mankato, MN 56001								
01.09.08.103.013	Dukes Addition	R	75.00	\$7,500.00		\$ -	\$2,628.00	\$10,128.00
Beatrice Y Schweim	N1/3 of lot 12, Block 4		155.00			0.00		
1534 N Broad St			CC=			SY		
Mankato, MN 56001								
01.09.08.106.002	Dukes Addition	R	155.00	\$15,500.00		\$ -	\$2,628.00	\$18,128.00
Robert E & Trudi I Clements	Lots 3-5, Block 6					0.00		
1603 N Broad St						SY		
Mankato, MN 56001								
01.09.08.106.008	Dukes Addition	R	70.00	\$7,000.00		\$ 2,416.80	\$2,628.00	\$12,044.80
Kevin S & Donna L Briggs	Lot 6, Block 6		150.00			31.80		
304 Moreland Ave	(1604 N 4th St)		CC=			SY		
Mankato, MN 56001								
01.09.08.107.001	Dukes Addition	R	75.00	\$7,500.00		\$ -	\$2,628.00	\$10,128.00
Dustin J & Morgan M Lenhoff	Lot 1, Block 7		155.00			0.00		
1535 N Broad St			CC=			SY		
Mankato, MN 56001								
01.09.08.107.009	Dukes Addition	R	70.00	\$7,000.00		\$ 2,948.04	\$2,628.00	\$12,576.04
Diane M Krienke	Lot 14, Block 7		150.00			38.79		
327 May St			CC=			SY		
Mankato, MN 56001								

01.09.08.110.001	Dukes Addition	R	60.00	\$6,000.00	\$ -	\$2,628.00	\$ 8,628.00
Yep & Irene A Dejong	Lot 1, Block 12		140.00		0.00		
1537 N Fourth St			CC=		SY		
Mankato, MN 56001							
01.09.08.110.008	Dukes Addition	R	60.00	\$6,000.00	\$ -	\$2,628.00	\$ 8,628.00
Michael W & Susan S Baker	Lot 14, Block 12		140.00		0.00		
1536 N Fifth St			CC=		SY		
Mankato, MN 56001							
01.09.08.113.002	Dukes Addition	R	41.60	\$4,160.00	\$ 2,404.64	\$2,628.00	\$ 9,192.64
Jeffrey S Bodnar	Lot 2, Block 5		121.60		31.64		
1604 N Broad St			CC=		SY		
Mankato, MN 56001							
01.09.08.126.006	Dukes Addition	R	67.50	\$6,750.00	\$ 3,809.12	\$2,628.00	\$13,187.12
Joanne L Schaub	Lot 9, Block 13		147.50		50.12		
1601 N 4th St			CC=		SY		
Mankato, MN 56001							
01.09.08.126.010	Dukes Addition	R	67.50	\$6,750.00	\$ 1,900.00	\$2,628.00	\$11,278.00
Theresa Devitt Carney	Lot 10, Block 13		147.50		25.00		
424 May St			CC=		SY		
Mankato, MN 56001							
01.09.08.127.001	Dukes Addition	R	56.70	\$5,670.00	\$ -	\$2,628.00	\$ 8,298.00
Norman & Lucille Knowles Trust							
Agmt	Block 14				0.00		
504 May St					SY		
Mankato, MN 56001							
01.09.08.128.001	Dukes Addition	R	24.74	\$2,473.67	\$ -	\$2,628.00	\$ 5,101.67
Juston J Cline	Lot 1, Block 15		74.21		0.00		
1535 N 5th St			CC=		SY		
Mankato, MN 56001							